

### **Abstract**

5 The present invention relates to decomposable monolithic ceramic materials having an at least bimodal pore structure, in particular having micropores and mesopores or mesopores and macropores or micropores, mesopores and macropores, optionally having metal centres located in the pores. The invention further relates to processes for producing the materials of the invention and to the use of the materials of the invention and the materials produced by one of the processes of the invention, in particular in catalysis and catalyst research and in medical technology and for the time-delayed release of active compounds in the pharmaceutical industry.